FREECOM CABLE II

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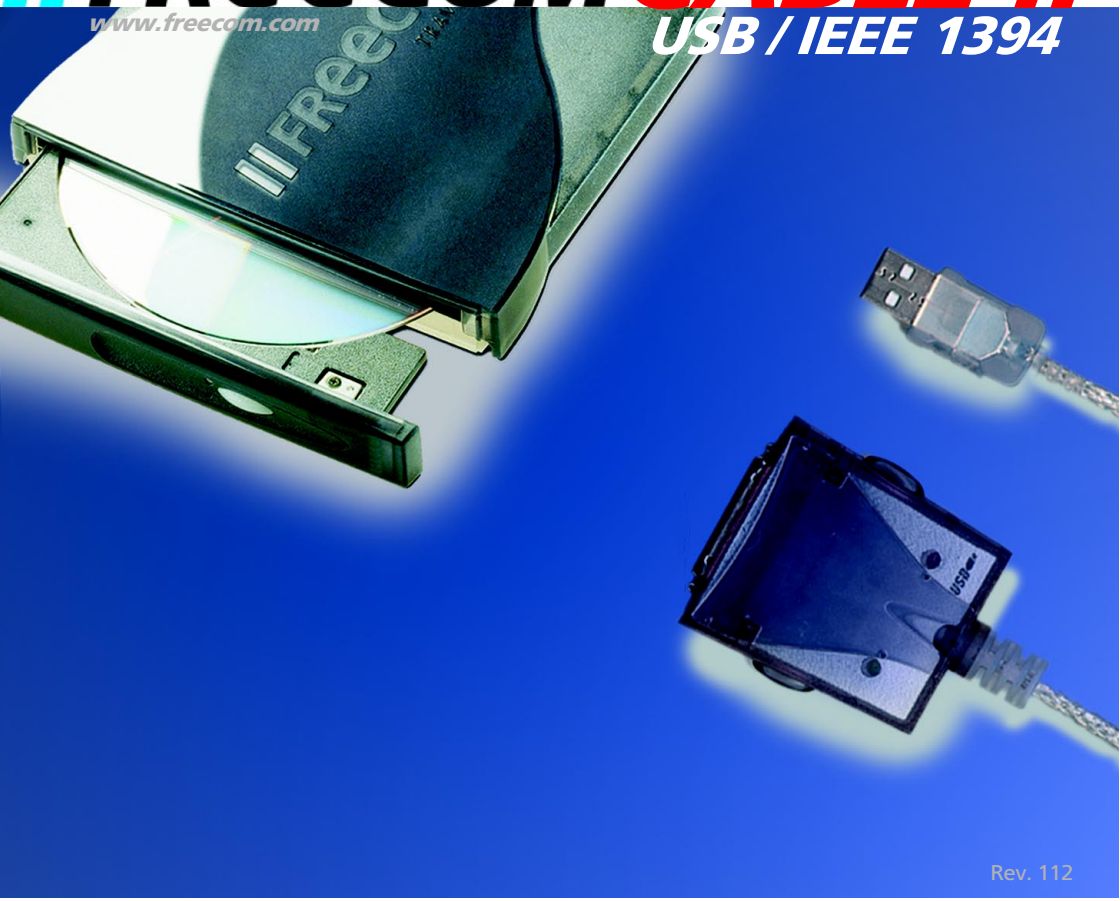
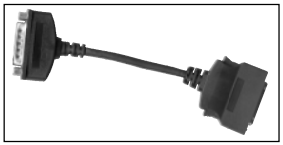
USB / IEEE 1394



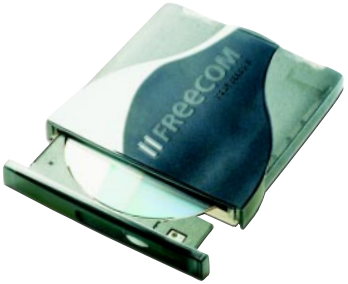
Rev. 112

MICROSOFT WINDOWS

Mac OS



Cable II Change Adapter
(only Cable II IEEE 1394)



USERS MANUAL

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Dear User,

welcome to the installation of your **FREECOM Cable II**. Before installing the drive, please read through the following points regarding its compatibility with your system.

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Warning !

All rights reserved. The products named in this manual are only used for identification purposes and may be trademarks or registered trademarks of the respective companies. This device was designed for home or office use. Warning! This device is equipment complying with EN55022 class A. This equipment can cause radio disturbances in a residential area. If this is the case, the user has to take appropriate measures and assume all responsibility and costs for. It may not be used near or with any life-sustaing systems.

FREECOM Technologies is not liable for any damages that may occur from the use of a FREECOM system. All rights reserved. We reserve the right to upgrade our products in keeping with technological advances.

General Information

Reliable performance of the **FREECOM Cable II** cannot be guaranteed for configurations that do not meet the following requirements:

Hardware requirements

PC:

- min. Pentium 166 or higher
- min. 32 MB RAM
- one disk drive and one hard drive
- a USB interface or
  1394 (FireWire / i.LINK) interface

Mac:

- Power Mac/iMac/iBook or Power Mac G3/G4 at least 32 MB RAM with USB or FireWire interface

Software requirements

PC:

- Windows 98 SE
- Windows ME
- Windows 2000

Mac:

- MacOS 8.6 or higher

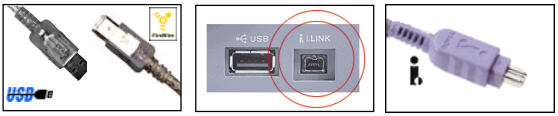
Precautionary measures and operating instructions

- Please turn off all components prior to every system change because hardware changes of powered components can cause damage to the computer or the FREECOM Cable II.
- Operate the FREECOM Cable II only in the temperature range from 10 - 45°C.
- If the FREECOM Cable II is moved from a cool location to a warmer one, wait until the Cable II and your system warms to the ambient temperature before using it, otherwise moisture from condensation could lead to errors.
- Do not use the FREECOM Cable II in a dusty environment.
- Do not drop the FREECOM Cable II or expose it to other types of shocks.
- Do not use an extension cable between the FREECOM Cable II and your computer.

CHAPTER 1: Initial operation - hardware installation for PC & Mac

1. Connect the drive connector ① of the FREECOM Cable II USB / Cable II IEEE1394 to the FREECOM device.
2. Connect the power connection to the FREECOM drive.
3. Then insert the power adapter of the FREECOM device into a power socket.
4. Connect the USB/IEEE 1394 (FireWire or i.LINK) connection (depens on version) ② of the Cable II to your computer.

   sample:



5. You can now begin software installation.

CHAPTER 2: Driver installation for PC

Users with operating systems Windows 98 SE or Windows ME please continue with chapter 2.1. Users with operating systems Windows 2000 please continue with chapter 2.4.

2.1 Installation under Windows 98 SE / Windows ME (USB)

1. The driver database is loaded automatically after you have connected the Cable II USB to the PC.

Note: If you are connecting a USB device to your computer for the first time, you might be promted to first install the special Windows 98 drivers for USB from the Windows 98 CD.

2. Now insert the FREECOM installation disk/CD "Software for Cable II USB" for Windows 98/ME in the floppy drive of your computer.

3. The "Hardware assistant" window appears on the screen. Click on "Next".
4. Select the item "Search for the best driver for the device" (Recommended) and confirm with "Next".

Add New Hardware Wizard
What do you want Windows to do?
Search for the best driver for your device. (Recommended).
Display a list of all the drivers in a specific location, so you can select the driver you want.
< Back
Next >
Cancel

5. Select your drive for driver installation from the FREECOM floppy disk/CD in the next window. Confirm with "Next".

Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.
Floppy disk drives
CD-ROM drive
Microsoft Windows Update
Specify a location:
E:\win98
Browse...
< Back
Next >
Cancel

6. The „Hardware Installation Wizard“ displays the found drivers. Confirm with „Next“. The files from the FREECOM installation disk will be installed on your hard disk.
7. The next "Hardware Assistant" window shows you that the software for the new device has been installed.

8. Click on "Finish" in the next window.

Add New Hardware Wizard
FREECOM USB - Driver
Windows has finished installing the software that your new hardware device requires.
< Back
Finish
Cancel

9. To install further drivers for the "FREECOM USB Cable II", you will have to repeat the installation procedure. Follow the instructions of the "Hardware Wizard".
10. Driver installation is then complete and your drive will appear with the new drive letter under "My Computer".

    For CD-R(W) drives, now install the mastering and UDF software if necessary.

Note: you can plug the drive in and unplug it at the USB port while the PC is running. The drive will be recognized automatically under "My Computer" when it is reconnected ("hot plug & play").

2.2 Uninstalling the software under Windows 98 SE / Windows ME (USB)

The FREECOM installation disk contains the program

`DriverRemove.EXE`

with which you can remove all FREECOM drivers for USB.

2.3 Allocation of the drive letter to the FREECOM drive under Windows 98 SE / Windows ME (USB)

After successful installation, Windows assigns the FREECOM drive a new drive letter automatically in most cases. This can shift the drive letter of an already present drive (for example, from 'D' to 'E'). If this leads to problems, it is possible to change the drive letter assignment as follows.

1. Click "Start" - "Settings" - "Control Panel".
2. Click "System".
3. Select "Device Manager" and click on "Drives" or "CD-ROM", if the FREECOM drive you are using is a CD-ROM, DVD-ROM, CD recorder or CD rewriteable.
4. Click the FREECOM drive, and then "Properties" - "Settings". (The currently assigned drive letter as well as the reserved drive letters will then be displayed).
5. Under Reserved Drive Letter, enter a drive letter, for example, 'F' for the FREECOM device as the "Start drive letter" and "F" again as the "Last drive letter".
6. Confirm your entry with "OK". When you restart your computer, the FREECOM drive will be assigned the letter "F" in "My Computer".

2.4 Installation under Windows 2000 (USB)

1. After the FREECOM Cable II USB is connected to the PC, the driver data base is loaded automatically.

Note: If you are connecting a USB device to your computer for the first time, you might be prompted to first install the special Windows 2000 drivers for USB from the Windows 2000 CD.

2. Now insert the FREECOM installation diskette/CD “Software for Cable II USB” for Windows 2000 in the drive of your computer.
3. The “Hardware Installation Wizard” window appears on the screen. Click on “Next”.

4. In the next window, select the recommended option "Find the best driver for the device" and confirm by clicking "Next."

Found New Hardware Wizard
Install Hardware Device Drivers
A device driver is a software program that enables a hardware device to work with an operating system.
This wizard will complete the installation for this device:
USB Device
A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.
What do you want the wizard to do?
Search for a suitable driver for my device (recommended)
Display a list of the known drivers for this device so that I can choose a specific driver
< Back
Next >
Cancel

5. Select your drive for driver installation from the FREECOM disk in the next window, if it is not selected already. Confirm with by clicking "Next".

   The disk is now being searched for drivers for the installation.

Found New Hardware Wizard
Locate Driver Files
Where do you want Windows to search for driver files?
Search for driver files for the following hardware device:
USB Device
The wizard searches for suitable drivers in its driver database on your computer and in any of the following optional search locations that you specify.
To start the search, click Next. If you are searching on a floppy disk or CD-ROM drive, insert the floppy disk or CD before clicking Next.
Optional search locations:
Floppy disk drives
CD-ROM drives
Specify a location
Microsoft Windows Update
< Back
Next >
Cancel

6. The "Hardware Installation Wizard" lists the found driver files in the next window. Confirm with "Next".
7. If a message appears in the next window stating that the Microsoft digital signature is missing, click on "Yes" when asked whether you want to continue the installation.

8. To complete the installation click on “Finish”.
9. At the end, Windows 2000 installs the floppy driver(s) and asks to restart the computer. Confirm with “Yes.”

2.5 FREECOM Cable II IEEE 1394 installation under Windows 98 SE / Windows ME

Note: IEEE 1394 is only supported by Windows 98 SECOND EDITION (and above). If you are using an older version, you must first update Windows.

1. The driver database is loaded automatically after you have connected the FREECOM Cable II IEEE 1394 to the PC.
2. Now place the "Windows 98 Installation CD" in your internal CD-ROM drive.
3. The "Hardware assistant" window appears on the screen. Click on "Next".
4. Select the item "Search for the best driver for the device" (Recommended) and confirm with "Next".
5. The CD-ROM drive for the "Windows 98 Installation CD" driver installation is dialed in the next window. If the search in the CD-ROM drive has not yet been activated, you should dial this point. Confirm with „Next".
6. The next window shows the driver file found on the CD-ROM. Confirm with „Next".
7. Click on "Finish" in the next window.
8. In order for the changes to take effect, you must restart your computer.

Note: You can plug the drive in and unplug it at the FireWire port while the PC is running. The drive will be recognized automatically under "My Computer" when it is reconnected ("hot plug & play").

2.6 FREECOM Cable II IEEE 1394 installation under Windows 2000 (First Installation)

The required driver is automatically installed once the FREECOM Cable II IEEE 1394 has been inserted and it is immediately allocated a drive letter.

CHAPTER 3: Software Installation for Macintosh (CD-RW)

3.1 Installing "Toast" Software for Cable II USB/Cable II IEEE 1394 (FireWire)

To install the "Toast" software application:

1. Insert the "Toast Installer CD" in your CD-ROM drive.
   The "Toast Installer CD" includes installers in several languages, each in its own installer.
2. Double-click the "Toast" Installer (the appropriate language).
4. Follow the on-screen instructions to install "Toast" on your hard disk.
5. You will need to restart your Mac.

CHAPTER 4: Trouble shooting - General problems

If you still have problems getting your FREECOM drive to function properly despite having installed it correctly, then please check the following items:

Hardware requirements:

- Does your system meets the hardware requirements (see page 5)?

Connecting the FREECOM device:

- Is the Cable II connected correctly to your computer and the FREECOM device? Check whether Cable II is plugged in correctly. The Cable II must firmly in place!
- Does the device have a power supply? Determine if the medium can be ejected and if the device is getting power when the system boots.

System settings:

- PC: Disable the system's power management if necessary.
  ("Start"-"System Control"-"Energy Management").

FREECOM Internet Service

FREECOM Technologies makes the following service available in the Internet at **www.freecom.com**

- Online information on technical problems
- Current product information
- Drivers, driver updates and software information

Support hotline

If you have carefully read the manual and, despite having observed all troubleshooting information, still cannot get your FREECOM device to work properly, you can contact our hotlines:

	Hotline	Email
Deutschland & Österreich	**+49 (0) 203 768 0950**	**supportde@freecom.com**
France & Belgique (F)	**+33 (0) 1 34 04 72 05**	**supportfr@freecom.com**
Nederland & België (N)	**+31 (0) 15 888 0110**	**supportnl@freecom.com**
Schweiz (D)	**+41 (0) 848 88 99 10**	**supportde@freecom.com**
Suisse (F)	**+41 (0) 848 88 77 10**	**supportfr@freecom.com**
United Kingdom & Ireland	**+44 (0) 1423 704 715**	**supportuk@freecom.com**

All other countries:

Please apply to your local FREECOM Reseller or email to:

supportint@freecom.com

If possible, try to call from a phone near your computer.

Please have the following information ready for your call:

- The serial number from the back of your FREECOM drive and Cable II USB/ Cable II IEEE 1394
- The revision no. of your driver diskette (CD)
- Information located on the power pack
- The version number of your operating system and the software you are having problems with
- A precise description of the error and any error messaged displayed
- The name and model of your computer and any installed hardware
- Can the problem be reproduced every time?
- Has this problem occurred before? If it is a new problem, did you recently change your system configuration?